

**TECHNICAL DATA**  
**RR 50 MOTARD**

**CHASSIS**

Frame	steel double cradle frame
Wheel base	1390 mm
Max length	2000 mm
Max width	805 mm
Max height	1155 mm
Seat height	900 mm
Ground clearance	315 mm
Footrest height	365 mm
Dry weight	85 kg
Fuel tank capacity	6,5 l.
Reserve	1 l.
Cooling system capacity	620 cc
Front suspension	Hydraulic fork with $\varnothing$ 40 mm shaft
Rear suspension	Monoshock
Shock absorber stroke	55 mm
Front wheel travel	210 mm
Rear wheel travel	200 mm
Front brake	disc $\varnothing$ 260 mm
Rear brake	disc $\varnothing$ 220 mm
Front rim	2,50 x 17 - 36 holes
Rear rim	3,50 x 17 - 36 holes
Front tyre	110/80 - 17
Rear tyre	130/70 - 17

**ENGINE**

Type	Single-cylinder, 2-stroke, liquid cooled, lamellar induction in the crankcase
Bore	40,3 mm
Stroke	39 mm
Displacement	49,7cc
Compression ratio	12:1
Ignition	Electronic AET 12V - 85W
Spark plug	NGK BR9 ES
Lubrication	Mixing with mechanical pump, fuel 1,5% (with synthetic oil)
Feeding	with carburettor
Carburettor	Dell'Orto PHBN 16 HS
Clutch	wet multi-disc clutch
Primary transmission	Z. 20/71
Transmission	6 speed
Secondary Transmission	Z. 11/50
Engine oil	SAE 20W/30 (820c)